

CURRICULUM VITAE

NAME: Mary L. Hediger

WORK ADDRESS: Epidemiology Branch  
Division of Epidemiology, Statistics and Prevention Research  
*Eunice Kennedy Shriver* National Institute  
of Child Health and Human Development  
National Institutes of Health  
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EDUCATION: Bryn Mawr College  
Bryn Mawr, Pennsylvania 19010  
September, 1968 to May, 1972  
A.B. in Anthropology (*cum laude*, with Honors)

The University of Pennsylvania  
Philadelphia, Pennsylvania 19104  
September, 1972 to May, 1985  
Ph.D. in Biological Anthropology (Human Biology)

UNIVERSITY APPOINTMENTS AND EXTRAMURAL GRANT HISTORY:

2010-	Deputy Director, Division of Epidemiology, Statistics and Prevention Research & Staff Scientist, Epidemiology Branch, Division of Epidemiology, Statistics and Prevention Research, the <i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development, National Institutes of Health, Department of Health and Human Services, Bethesda MD 20892
2009-2010	Acting Chief, Epidemiology Branch, Division of Epidemiology, Statistics and Prevention Research, the <i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development, National Institutes of Health, Department of Health and Human Services, Bethesda MD 20892
1999-2009	Human Biologist, Epidemiology Branch, Division of Epidemiology, Statistics and Prevention Research, the <i>Eunice Kennedy Shriver</i> National Institute of Child Health and Human Development, National Institutes of Health, Department of Health and Human Services, Bethesda MD 20892
1998-2003	Visiting Associate Professor, Department of Gynecology and Obstetrics, The Johns Hopkins University School of Medicine, Baltimore MD 21205

1997-1999	Consultant, Epidemiology Branch, Division of Epidemiology, Statistics and Prevention Research, the National Institute of Child Health and Human Development, National Institute of Health, Project "Birth Profiles and Growth of Young Children in the NHANES III" (Project Director, Dr. Mary D. Overpeck)
1997-1998	Adjunct Associate Professor, Department of Obstetrics & Gynecology, University of Medicine and Dentistry of New Jersey - School of Osteopathic Medicine, Stratford NJ 08084
1996-1997	Intergovernmental Personnel Assignment to the Division of Epidemiology, Statistics and Prevention Research, the National Institute of Child Health and Human Development, National Institutes of Health, Bethesda MD
1995-1997	Research Teaching Specialist and Adjunct Associate Professor, Department of Obstetrics & Gynecology, UMDNJ-SOM, Stratford NJ 08084
1995-1998	Adjunct Assistant Professor, Department of Developmental and Rehabilitative Sciences (Program in Physical Therapy), University of Medicine and Dentistry of New Jersey - School of Health Related Professions, Stratford NJ 08084
1989-1995	Research Teaching Specialist and Adjunct Assistant Professor, Department of Obstetrics & Gynecology, UMDNJ-SOM, Camden NJ 08103
1989-1990	Co-Principal Investigator, NIH grant #HD18269-S1, "Short-term Growth during Adolescent Pregnancy", Department of Obstetrics & Gynecology, UMDNJ-SOM, Camden NJ (with Dr. Theresa O. Scholl)
1987	Instructor in Physical Anthropology, Department of Anthropology, University of Pennsylvania, Philadelphia PA (Controversies in Physical Anthropology)
1987-1989	Research Specialist, NIH grant #HD18269, "Adolescent Pregnancy: Nutrition, Growth and Outcome", Department of Obstetrics & Gynecology, UMDNJ-SOM
1985-1987	Research Investigator, NIH grant #HL26898, "Longitudinal Analyses of Blood Pressure Variation in Young Black Adults", W.M. Krogman Center for Research in Child Growth and Development, The School of Dental Medicine, U of Pennsylvania (Principal Investigator, Dr. Solomon H. Katz)
1982-1985	Project Coordinator, NIH grant #HL26898, "Antecedents of Young Adult Blood Pressure Variation", W.M. Krogman Center for Research in Child Growth and Development, The School of Dental Medicine, U of Pennsylvania
1981-1983	Research Associate, Department of Community and Preventive Medicine, The Medical College of Pennsylvania, Philadelphia PA 19129 (with Dr. Judith S. Mausner, deceased)
1976-1981	Project Coordinator and Research Associate, NIH grant #HL16869, "Antecedents of Adolescent Hypertension", W.M. Krogman Center for Research in Child Growth and Development, Children's Hospital of Philadelphia, Philadelphia PA 19104
1975-1979	Research Assistant, NIH grant #ES01335, "Environmental Lead and Neuropsychological Development", W.M. Krogman Center for Research in Child Growth and Development
1975	Teaching Assistant in Physical Anthropology, Department of Anthropology, The University of Pennsylvania (Introduction to Physical Anthropology)
1974-1976	Medical Research Technician, Division of Psychoendocrinology, Eastern Pennsylvania Psychiatric Institute, Philadelphia PA 19129

INTRAMURAL CONTRACT HISTORY (NICHD):

<i><b>Project</b></i>	<i><b>Lead Investigator</b></i>	<i><b>Project Status</b></i>	<i><b>Role(s)</b></i>	<i><b>Dates</b></i>
Birth Certificate Linkage To Growth & Health Measures in NHANES III	Dr. Mary D. Overpeck  <b>Dr. Mary L. Hediger</b>	Completed	Investigator; Analysis  <b>Project Officer</b> ; Analysis	1997-2000  2000-2004
Health Behavior of School-aged Children (HBSC)	<b>Dr. Mary L. Hediger</b>  Dr. Ron Iannotti (PRB)	Completed  Completed	Co-PI (PI, Dr. Mary Overpeck, HRSA); <b>NICHD Project Officer</b> Investigator & resource; Analysis	2000-2004  2004-2009
BioCycle Study	Dr. Enrique F. Schisterman	Completed	Investigator; Protocol development – anthropometry, physical activity, psychological scales; Analysis	2004-2011
ENDO Study	Dr. Germaine M. Buck Louis	Analysis Phase	Investigator; Protocol development – anthropometry, MRI (visceral adiposity), questionnaires & training	2005-current
EAGeR Trial	Dr. Enrique F. Schisterman	Data Collection Phase	Investigator; Proposal review, negotiation; Protocol development – anthropometry, record abstract forms; Training	2006-2011
Upstate KIDS	<b>Dr. Mary L. Hediger</b>	Data Collection Phase	<b>Contracting Officer's Representative (COR)</b>	2006-current
Hormonal Indicators of Pubertal Onset	<b>Dr. Mary L. Hediger</b>	Completed	<b>Project Officer</b>	2007-2011
NICHD Fetal Growth Standard	Dr. Germaine M. Buck Louis	Data Collection Phase	Investigator; Protocol development - neonatal & maternal anthropometry, growth methods; Training	2007-current

ACADEMIC APPOINTMENTS:

Assistant Professor (Adjunct)  
July 1989-July 1995  
Dept Obstetrics & Gynecology, UMDNJ-SOM

Assistant Professor (Adjunct)  
July 1995-1998  
Dept Developmental and Rehabilitative Sciences, UMDNJ-SHRP

Associate Professor (Adjunct)  
July 1995-1998  
Dept Obstetrics & Gynecology, UMDNJ-SOM

Associate Professor (Visiting)  
April 1998-2003  
Dept Gynecology & Obstetrics,  
The Johns Hopkins University School of Medicine

## AWARDS & HONORS:

National Institute of Dental Research Trainee in Physical Anthropology, The University of Pennsylvania, 1972-1975

Junior Investigator Award, IVth International Congress of Auxology, Montréal, Québec, 16-20 June, 1985

Fellow, Eleventh 10-Day Seminar on the Epidemiology and Prevention of Cardiovascular Diseases,  
American Heart Association, Lake Tahoe CA, 29 July-10 August, 1985

Dean's Citation, UMDNJ-SHRP, June, 1996

National Institutes of Health Merit Award, October, 2005

For innovative planning and dedication to the successful development of the first NICHD-IHDCYH sponsored  
Summer Institute for Reproductive and Perinatal Epidemiology

National Institutes of Health Merit Award, October, 2007

For creative epidemiologic design and methodologic rigor in the successful completion of the BioCycle Study

National Institutes of Health Merit Award, January, 2012

For successfully designing and completing the novel ENDO Study aimed at answering questions about  
environmental influences on endometriosis

## MEMBERSHIPS, COMMITTEES, PROFESSIONAL SERVICE:

### Academic:

UMDNJ-SOM Institutional Review Board, 1988-1991

### Professional:

Human Biology Association (Fellow)

Secretary-Treasurer, 1988-1992

Executive Committee, 1997-2001

Society for Pediatric and Perinatal Epidemiologic Research

Member-at-Large, 1999-2003

President, 2004-2007 (President-Elect, President, Past President)

Participant/Presenter, Investigation of Fetal Origins of Adult Health in Twin Cohorts  
Menzies Centre for Population Health Research, University of Melbourne Department of  
Pediatrics & the National Institute of Child Health and Human Development  
Bethesda, MD, April 14-15, 2003

National Children's Study (NCS) Initiative

Study Design Working Group, Core Member, 2001-2002

Nutrition, Growth & Pubertal Development Working Group,  
Coordinator (Federal Co-Chair), 2002-2004

Workshop Steering Committees

Fetal and Neonatal Growth and Development, 2002

Physical Activity Assessment in the NCS, 2003

Growth and Body Composition, 2004

Workshop Participation

Dietary Assessment in a Prospective Epidemiologic Study, 2004

Time-Use Data for the NCS, 2004

Panelist, Workshop on Epidemiology of Communication Disorders

National Institute on Deafness and Other Communication Disorders  
Bethesda, MD, March 29-30, 2005

Panelist, NHANES Pubertal Maturation Workshop for  
Development of a Self-Assessment Component  
National Center for Health Statistics, Centers for Disease Control and Prevention  
Hyattsville, MD, August 23-24, 2005

Panelist, National Research Council (NRC) Workshop on  
The Impact of Pregnancy Weight on Maternal and Child Health  
The National Academies, Washington, DC, May 30-31, 2006

Panelist, Expert Panel Review of Growth Charts  
(Evaluation of the WHO Child Growth Standards and CDC Growth Charts)  
NCHS/CDC, Hyattsville, MD, June 29-30, 2006

Expert Peer Reviewer for the Evidence Report, December 2007  
Project: Systematic Review on Maternal and Child Health Outcomes Associated with  
Maternal Weight Gain  
Funder: Agency for Healthcare Research and Quality  
Sponsor: American Dietetic Association

Domain Expert for Anthropometrics Working Group, 2008-2009  
Project: PhenX: consensus measures for Phenotypes and eXposures  
Funder: National Human Genome Research Institute (NHGRI)

Core Member and Workshop Planning Committee, 2008-  
Anthropometry and Body Composition Working Group (ABCWG)  
Sponsor: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)  
ABCWG Workshop, October 23, 2009  
Invited Presentation: "Waist Circumference: Where? & What Does It Add?"  
Hediger ML & Chumlea WC

Expert Member, Endocrine Therapeutics Working Group, 2010-  
Best Pharmaceuticals for Children (BPCA) Working Group  
Sponsor: Obstetrics and Pediatric Pharmacology Branch (OPPB)  
Center for Research for Mothers and Children (CRMC), NICHD

American Association of Physical Anthropologists (Fellow)  
Society for the Study of Human Biology (Fellow)  
Society for Epidemiologic Research  
Society for Pediatric and Perinatal Epidemiologic Research  
American College of Epidemiology (Member)

Editorial:

Guest Editor (with Associate Editor John L. Kiely, PhD)  
Supplement to *Paediatric & Perinatal Epidemiology*, September 2007  
"Addressing gestational age measurement using birth certificate data"  
A collection of 11 papers from a symposium sponsored by the Division of Vital  
Statistics, NCHS/CDC, and the Division of Reproductive Health, NCCDPHP/CDC

Member, Editorial Board  
*Annals of Human Biology*, January 2008 – December 2011

Steering Committees & Advisory Groups:

Early Childhood Longitudinal Study – Birth Cohort (ECLS-B) (2001-2006)  
National Center for Education Statistics  
Department of Education

Bone Mineral Density in Childhood Study (2001-2010)  
Karen Winer, MD, Medical Officer  
Endocrinology, Nutrition and Growth Branch  
Center for Research for Mothers and Children  
*Eunice Kennedy Shriver* National Institute of Child Health and Human Development

NICHD Obesity Research Strategic Core (ORSC) (2008-present)  
Terry T-K Huang, PhD, Director  
Endocrinology, Nutrition and Growth Branch  
Center for Research for Mothers and Children  
*Eunice Kennedy Shriver* National Institute of Child Health and Human Development

Invited Lectures & Seminars (Recent & Forthcoming):

Binghamton University/United Health Services (BU/UHS) Lecture Series,  
Binghamton, NY, September 21, 2001  
“Pregnancy during Adolescence: Biological and Medical Consequences to Mother and Infant”

National Maternal Nutrition Intensive Course, 2002  
University of Minnesota, Minneapolis, MN, July 15-17  
“Adolescent Pregnancy: Interactions among Body Composition, Nutritional Status, and Adolescent Growth”  
“Breastfeeding and Subsequent Risk of Childhood Obesity”

Children’s Hospital of Philadelphia Nutrition Center Seminar Series  
Philadelphia, PA, October 16, 2002  
“Breastfeeding and Subsequent Risk of Childhood Obesity”

Harvard University School of Public Health Nutrition Group Lecture Series  
Cambridge, MA, April 28, 2003  
“Adolescent Pregnancy: Nutritional Status, Adolescent Growth, and Pregnancy Outcomes”

National Maternal Nutrition Intensive Course, 2003  
University of Minnesota, Minneapolis, MN, July 14-16  
“Breastfeeding and Infant Growth”  
“Betel-Nut, Ganja, and Khat: Traditional Substance Use in Pregnancy among Recent Immigrants”

2003 Food and Nutrition Conference & Exhibition  
American Dietetic Association, San Antonio, TX, October 25-28  
“Breastfeeding and Childhood Obesity Risk”

Early Nutritional Influences on Obesity, Diabetes and Cardiovascular Disease Risk –  
The Evidence, Policy Implications, and Research Priorities  
Université de Montréal Workshop, June 6-9, 2004  
“Breastfeeding and Risk of Chronic Disease”

National Maternal Nutrition Intensive Course, 2004  
University of Minnesota, Minneapolis, MN, July 21-23  
“Illicit Substance Use in Pregnancy”  
“Weight Gain and Maternal and Infant Outcomes in Adolescent Pregnancy”

New Jersey Conference on Childhood Obesity: Challenges and Solutions  
Rutgers University, New Brunswick, NJ, April 15, 2005  
“Changes in Body Composition during Growth”

NHANES Pubertal Maturation Workshop for Development of a Self-Assessment Component  
National Center for Health Statistics, Centers for Disease Control and Prevention  
Hyattsville, MD, August 23-24, 2005  
“Assessing Pubertal Maturation in Adolescents”

National Maternal Nutrition Intensive Course, 2006  
University of Minnesota, Minneapolis, MN, July 26-28  
“Catch-up Growth in Infants and Young Children”  
“Weight Gain and Adolescent Pregnancy”

Charlotte Promersberger-Johnson Lecture, 2006  
Children’s Hospital of Wisconsin, Medical College of Wisconsin  
Milwaukee, WI, October 13, 2006  
“Catch-up Growth: Always ‘Up’ Or Is There a Downside?”  
“Fetal Growth & New Directions in Its Evaluation”

Department of Bioscience and Biotechnology Seminar Series  
Drexel University, Philadelphia, PA, May 8, 2008  
“Catch-up Growth: Always ‘Up’ Or Is There a Downside?”

Center for Human Nutrition, Bloomberg School of Public Health  
Johns Hopkins University, Baltimore, MD, April 12, 2010  
“Adolescent Pregnancy: Adolescent Growth, Maternal Implications & Pregnancy Outcomes”

National Maternal Nutrition Intensive Course, 2010  
University of Minnesota, Minneapolis, MN, July 28-30  
“Catch-up Growth vs. Rapid Early Weight Gain: Definitions and Consequences”

Midwest Leaders in MCH Nutrition Network Conference, 2011  
Indiana University School of Medicine, Indianapolis, IN, June 3-4  
“Monitoring Growth and Nutrition in Infancy: A Comparison of the WHO Standard and 2000 CDC Reference for Growth”

### Summer Teaching

1<sup>st</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Woods Hole, MA, July 16-16, 2005

2<sup>nd</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Cambridge, MD, July 31-August 5, 2006

3<sup>rd</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Bromont, Québec, July 29-August 4, 2007

4<sup>th</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Burlington, VT, July 20-26, 2008

5<sup>th</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Val-David, Québec, July 12-18, 2009

6<sup>th</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and the Canadian Institute for Health Research, St. Michael's, MD, July 11-17, 2010

7<sup>th</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Philadelphia, PA, July 17-22, 2011

8<sup>th</sup> Summer Institute in Reproductive & Perinatal Epidemiology, Jointly sponsored by the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development and the Canadian Institute for Health Research, Philadelphia, PA, July 22-27, 2012

#### Ad hoc Journal Reviewer

##### *Pediatric/Adolescent Medicine*

Acta Pædiatrica (Scandinavica), Ambulatory Pediatrics, Archives of Pediatrics & Adolescent Medicine, Developmental Medicine & Child Neurology, Journal of Autism & Developmental Disabilities, Journal of Pediatrics, Journal of Adolescent Health, Pediatrics, Pediatric Research

##### *Obstetrics & Gynecology*

American Journal of Obstetrics & Gynecology, European Journal of Obstetrics and Gynecology and Reproductive Biology, Gynecological Endocrinology, Journal of Maternal-Fetal Medicine, Obstetrics & Gynecology, Reproductive Biology and Endocrinology, Twin Research and Human Genetics

##### *Epidemiology*

American Journal of Epidemiology, Annals of Epidemiology, Journal of Epidemiology and Community Health, Pædiatric & Perinatal Epidemiology

##### *Nutrition*

American Journal of Clinical Nutrition, European Journal of Clinical Nutrition, Obesity Research

##### *General Medical & Other*

Alcohol and Alcoholism, American Journal of Human Biology, Annals of Human Biology, Annals of Internal Medicine, Canadian Medical Association Journal, Economics & Human Biology, Fertility & Sterility, Human Biology, Human Reproduction, Journal of the American Medical Association, The Lancet

#### Ad Hoc Reviewer (Grants & Reports):

Alberta Heritage Foundation for Medical Research (2001)

Nestlé Foundation (2001)

The Wellcome Trust (2004)

National Institutes of Health (2007)

Global Network for Women's and Children's Health Research

Canadian Institutes of Health Research (2007)



**National Institutes of Health (2008, 2009)**

**Neurological, Aging and Musculoskeletal Epidemiology (NAME) Study Section**  
Research Fund Secretariat, Hong Kong (2009 proposal, 2011 report)

Centers for Disease Control and Prevention (2011)

National Center on Birth Defects and Developmental Disabilities (NCBDDD)  
Special Emphasis Panel, CADDRE: SEED II

Centers for Disease Control and Prevention (2012)

National Center on Birth Defects and Developmental Disabilities (NCBDDD)  
Special Emphasis Panel, CADDRE Data Coordinating Center for Autism and Other  
Developmental Disabilities Research and Epidemiologic Studies

**MAJOR RESEARCH INTERESTS:**

Fetal growth and preterm delivery  
Child/adolescent growth and development  
Nutrition and growth  
Pregnancy and nutrition  
Pregnancy outcome  
Adolescent pregnancy

**BIBLIOGRAPHY:**

**Journal Publications:**

1. Katz SH, Hediger ML, Valleroy LA. Traditional maize processing techniques in the New World. *Science* 1974;184:765-73.
2. Katz SH, Hediger ML, Schall JI, Bowers EJ, Barker WF, Aurand S, Eveleth PB, Gruskin AB, Parks JS. Blood pressure, growth and maturation from childhood through adolescence; mixed longitudinal analyses of the Philadelphia Blood Pressure Project. *Hypertension* 1980;2(supplement I):I-55-69.
3. Hediger ML, Schall JI, Barker WF, Bowers EJ, Gruskin AB, Katz SH. Variability and reliability of diastolic blood pressure during adolescence: the Philadelphia Blood Pressure Project. *Preventive Medicine* 1981;10:292-300.
4. Mausner JS, Hiner LB, Hediger ML, Gabrielson MO, Levison SP. Blood pressure of infants of hypertensive mothers: a two-year follow-up. *International Journal of Pediatric Nephrology* 1983;4:255-61.
5. Marecek J, Shapiro IM, Burke A, Katz SH, Hediger ML. Low-level lead exposure in childhood influences neuropsychological performance. *Archives of Environmental Health* 1983;38:355-9.
6. Barker WF, Hediger ML, Katz SH, Bowers EJ. Concurrent validity studies of blood pressure instrumentation: the Philadelphia Blood Pressure Project. *Hypertension* 1984;6:85-91. (Reviewed in: *The Year Book of Pediatrics* 1985, FA Oski & JA Stockman (eds). Chicago: Year Book Medical Publishers, Inc, 1985:317-9)
7. Hediger ML, Schall JI, Katz SH, Gruskin AB, Eveleth PB. Resting blood pressure and pulse rate distributions in black adolescents: the Philadelphia Blood Pressure Project. *Pediatrics* 1984;74:1016-21. (Reviewed in: *The Year Book of Pediatrics* 1986, FA Oski & JA Stockman (eds). Chicago: Year Book Medical Publishers, Inc, 1986:318-20)
8. Schall JI, Hediger ML, Katz SH, Zemel BS, Valleroy LA. Pulse rate, blood pressure, and body composition in black adolescents: the Philadelphia Blood Pressure Project. *Journal of Chronic Diseases* 1985;38:241-51.
9. Katz SH, Hediger ML, Zemel BS, Parks JS. Adrenal androgens, body fat, and advanced skeletal age in puberty: new evidence for the relations of adrenarche and gonadarche in males. *Human Biology* 1985;57:401-13.

10. Katz SH, Hediger ML, Zemel BS, Parks JS. Blood pressure, body fat, and dehydroepiandrosterone sulfate variation in adolescence. *Hypertension* 1986;8:277-84.
11. Hediger ML, Katz SH. Fat patterning, overweight, and adrenal androgen interactions in black adolescent females. *Human Biology* 1986;58:585-600.
12. Hediger ML, Stine RA. Age at menarche based on recall information. *Annals of Human Biology* 1987;14:133-42.
13. Spender QW, Cronk CE, Stallings VA, Hediger ML. Fat distribution in children with cerebral palsy. *Annals of Human Biology* 1988;15:191-6.
14. Hediger ML, Scholl TO, Belsky DH, Ances IG, Salmon RW. Patterns of weight gain in adolescent pregnancy: effects on birth weight and preterm delivery. *Obstetrics and Gynecology* 1989;74:6-12. (Abstracted in: *Family Planning Perspectives* 1990;22:92-3. Reviewed in: *The Year Book of Pediatrics* 1991, FA Oski & JA Stockman (eds). St. Louis: Mosby-Year Book, Inc, 1991:244-247)
15. Scholl TO, Hediger ML, Vasilenko P III, Ances IG, Smith W, Salmon RW. Effects of early maturation on fetal growth. *Annals of Human Biology* 1989;16:335-45.
16. Scholl TO, Hediger ML, Salmon RW, Belsky DH, Ances IG. Association between low gynaecological age and preterm birth. *Paediatric & Perinatal Epidemiology* 1989;3:357-66.
17. Scholl TO, Hediger ML, Salmon RW. The outcome of CCAFL: a county wide demonstration of pregnancy care in the adolescent. *The Journal of the N.J. Association of Osteopathic Physicians and Surgeons* 1989;88:12-16.
18. Hediger ML, Scholl TO, Salmon RW. Early weight gain in pregnant adolescents and fetal outcome. *American Journal of Human Biology* 1989;1:665-72.
19. Scholl TO, Hediger ML, Salmon RW, Belsky DH, Ances IG. The influence of prepregnant body mass and weight gain for gestation on spontaneous preterm delivery and duration of gestation during adolescent pregnancy. *American Journal of Human Biology* 1989;1:657-64.
20. Scholl TO, Hediger ML, Ances IG. Maternal growth during pregnancy and decreased infant birth weight. *American Journal of Clinical Nutrition* 1990;51:790-3.
21. Scholl TO, Hediger ML, Ances IG, Belsky DH, Salmon RW. Weight gain during pregnancy in adolescence: predictive ability of early weight gain. *Obstetrics and Gynecology* 1990;75:948-53.
22. Behrman CA, Hediger ML, Scholl TO, Arkangel CM. Nausea and vomiting during teenage pregnancy: effects on birth weight. *Journal of Adolescent Health Care* 1990;11:418-22.
23. Hediger ML, Scholl TO, Ances IG, Belsky DH, Salmon RW. Rate and amount of weight gain during adolescent pregnancy: associations with maternal weight-for-height and birth weight. *American Journal of Clinical Nutrition* 1990;52:793-9.
24. Scholl TO, Hediger ML, Khoo CS, Healey MF, Rawson NL. Maternal weight gain, diet and infant birth weight: correlations during adolescent pregnancy. *Journal of Clinical Epidemiology* 1991;44:423-8.
25. Scholl TO, Hediger ML, Fischer RL, Shearer JW. Anemia versus iron deficiency: increased risk of preterm delivery in a prospective study. *American Journal of Clinical Nutrition* 1992;55:985-8. (Reviewed in: Allen LH. Iron-deficiency anemia increases risk of preterm delivery. *Nutrition Reviews* 1993;51:49-52)
26. Scholl TO, Hediger ML, Huang JP, Johnston FE, Smith W, Ances IG. Young maternal age and parity: influences on pregnancy outcome. *Annals of Epidemiology* 1992;2:565-75.

27. Steer RA, Scholl TO, Hediger ML, Fischer RL. Self-reported depression and negative pregnancy outcomes. *Journal of Clinical Epidemiology* 1992;45:1093-9.
28. Scholl TO, Hediger ML. A review of the epidemiology of nutrition and adolescent pregnancy: maternal growth during pregnancy and its effect on the fetus. *Journal of the American College of Nutrition* 1993;12:101-107.
29. Fischer RL, McDonnell M, Bianculli KW, Perry RL, Hediger ML, Scholl TO. Amniotic fluid estimation in the postdate pregnancy: a comparison of techniques. *Obstetrics and Gynecology* 1993;81:698-704.
30. Scholl TO, Hediger ML, Schall JI, Fischer RL, Khoo CS. Low zinc intake during pregnancy: its association with preterm and very preterm delivery. *American Journal of Epidemiology* 1993;137:1115-24.
31. Scholl TO, Hediger ML, Cronk CE, Schall JI. Maternal growth during pregnancy and lactation. *Hormone Research* 1993;39(Supplement 3):59-67.
32. Belsky DH, Hediger ML, Scholl TO. Hormone replacement therapy: use routine endometrial sampling? *Contemporary OB/GYN* 1993;38:46-56.
33. Hediger ML, Scholl TO, Schall JI, Healey MF, Fischer RL. Changes in maternal upper arm fat stores are predictors of variation in infant birth weight. *The Journal of Nutrition* 1994;124:24-30.
34. Scholl TO, Hediger ML. Anemia and iron deficiency anemia: compilation of data on pregnancy outcome. *American Journal of Clinical Nutrition* 1994;59(suppl):492S-501S.
35. Scholl TO, Hediger ML, Schall JI, Khoo CS, Fischer RL. Maternal growth during pregnancy and the competition for nutrients. *American Journal of Clinical Nutrition* 1994;60:183-8.
36. Scholl TO, Hediger ML, Belsky DH. Prenatal care and maternal health during adolescent pregnancy: a review and meta-analysis. *Journal of Adolescent Health* 1994;15:444-56.
37. Lenders CM, Hediger ML, Scholl TO, Khoo CS, Slap GB, Stallings VA. Effect of high sugar intake by low-income pregnant adolescents on infant birth weight. *Journal of Adolescent Health* 1994;15:596-602.
38. Fischer RL, Bianculli KW, Hediger ML, Scholl TO. Maternal serum uric acid levels in twin gestations. *Obstetrics and Gynecology* 1995;85:60-4.
39. Hediger ML, Scholl TO, Schall JI, Miller LW, Fischer RL. Fetal growth and the etiology of preterm delivery. *Obstetrics and Gynecology* 1995;85:175-82.
40. Scholl TO, Hediger ML. Weight gain, nutrition, and pregnancy outcome: findings from the Camden Study of teenage and minority gravidas. *Seminars in Perinatology* 1995;19:171-81.
41. Hediger ML, Scholl TO, Schall JI, Cronk CE. One-year changes in weight and fatness in girls during late adolescence. *Pediatrics* 1995;96:253-8.
42. Scholl TO, Hediger ML, Schall JI, Ances IG, Smith WK. Gestational weight gain, pregnancy outcome, and postpartum weight retention. *Obstetrics and Gynecology* 1995;86:423-7.
43. Cronk CE, Schall JI, Hediger ML, Scholl TO. Growth of postmenarcheal girls from three ethnic groups. *American Journal of Human Biology* 1996;8:31-42.
44. Scholl TO, Hediger ML, Schall JI, Khoo CS, Fischer RL. Dietary and serum folate: their influence on the outcome of pregnancy. *American Journal of Clinical Nutrition* 1996;63:520-5.

45. Luke B, Hediger ML, Scholl TO. Point of diminishing returns: When does gestational weight gain cease benefitting birthweight and begin adding to maternal obesity? *The Journal of Maternal-Fetal Medicine* 1996;5:168-73.
46. Perry RL, Mannino B, Hediger ML, Scholl TO. Pregnancy in early adolescence: Are there obstetric risks? *The Journal of Maternal-Fetal Medicine* 1996;5:333-9.
47. Scholl TO, Hediger ML, Schall JI. Excessive gestational weight gain and chronic disease risk. *American Journal of Human Biology* 1996;8:735-41.
48. Hediger ML, Scholl TO, Schall JI. Implications of the Camden Study of adolescent pregnancy: interactions among maternal growth, nutritional status and body composition. In: *Adolescent Nutritional Disorders: Prevention and Treatment*, MS Jacobson, JM Rees, NH Golden & CE Irwin (eds). *Annals of the New York Academy of Sciences* 1997;817:281-91.
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3. "Issues and techniques in assessing pregnancy course and outcome" (workshop with JI Schall). Human Biology Association, April 9-10, 1996, Research Triangle Park NC.
4. "The epidemic of multiple pregnancies: what it can tell us about growth". IX International Congress of Auxology, 3<sup>rd</sup>-6<sup>th</sup> September, 2000, Turin, Italy.
5. "Measuring physical activity in the National Children’s Study.” A National Children’s Study Workshop. November 17-18, 2003, Arlington VA.
6. "Growth and body composition: objectives, methods, and measurements.” A National Children’s Study Workshop. October 7-8, 2004, Arlington VA.
7. "Insights from the epidemiology of asthma: population-based approaches to prevention of the disease” A joint Society for Pediatric and Perinatal Epidemiology Research (SPER) - American Academy of Pediatrics (AAP) Section on

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182. Hediger ML, England LJ, Molloy CA, Yu KF, Manning-Courtney P, Mills JL. Reduced bone cortical thickness in boys with autism or autism spectrum disorder. Human Biology Association 2007 Annual Meeting, Philadelphia, PA, March 28-29, 2007. American Journal of Human Biology 2007;19(2):259-60.
183. Hediger ML, Schisterman EF, Wactawski-Wende J, Hovey J. Association of linear proportions with cardiovascular and reproductive risk in adult women: the BioCycle Study. Society for Pediatric and Perinatal Epidemiologic Research, Boston, MA, June 18-19, 2007.

184. Buck Louis GM, Peña JB, Hediger ML. Intrauterine environment and risk of endometriosis. Society for Pediatric and Perinatal Epidemiologic Research, Boston, MA, June 18-19, 2007.
185. Hediger ML, Schisterman EF, Wactawski-Wende J, Hovey K. Linear proportions, cardiovascular and reproductive risk in adult women: the BioCycle Study. Human Biology Association 2008 Annual Meeting, Columbus, OH, April 9-10, 2008. American Journal of Human Biology 2008;20(2):223.
186. He C, Hu FB, Hunter DJ, Louis GM, Hediger ML, Zhang C. Age at menarche and risk of type 2 diabetes: results from two large prospective cohorts. Society for Pediatric and Perinatal Epidemiologic Research, Anaheim, CA, June 22-23, 2009.
187. Gollenberg AL, Hediger ML, Mumford SL, Whitcomb BW, Hovey KM, Wactawski-Wende J, Schisterman EF. Perceived stress and severity of perimenstrual symptoms: The BioCycle Study. Society for Pediatric and Perinatal Epidemiologic Research, Anaheim, CA, June 22-23, 2009. (oral presentation)
188. Rudra CB, Wactawski-Wende J, Schisterman EF, Hovey KM, Browne RW, Zhang C, Hediger ML. Energy expenditure and plasma F2-isoprostane concentrations across the menstrual cycle: the BioCycle Study. Society for Pediatric and Perinatal Epidemiologic Research, Anaheim, CA, June 22-23, 2009.
189. He C, Hu FB, Hunter DJ, Louis GM, Hediger ML, Zhang C. Age at menarche and risk of type 2 diabetes: results from two large prospective cohorts. Society for Epidemiologic Research, Anaheim, CA, June 23-26, 2009.
190. Lee PA, Gollenberg AL, Hediger ML, Himes JH, Louis GM. Inhibin-B levels higher among non-Hispanic black than Mexican-American and non-Hispanic white prepubertal and pubertal boys. 8th Joint Meeting of the Lawson Wilkins Pediatric Endocrine Society/European Society for Pediatric Endocrinology, New York, NY, September 9-12, 2009.
191. Gollenberg AL, Hediger ML, Lee PA, Himes JH, Buck Louis GM. Lead and reproductive hormones in a nationally-representative sample of prepubertal and early pubertal girls. pptoxII Meeting, Society of Toxicology, Miami, FL, December 7-10, 2009.
192. Gollenberg AL, Hediger ML, Lee PA, Himes JH, Buck Louis GM. Lead and reproductive hormones in a nationally-representative sample of peripubertal boys. pptoxII Meeting, Society of Toxicology, Miami, FL, December 7-10, 2009.
193. Himes JH, Addo OY, Gollenberg AL, Hediger ML, Lee PA, Buck Louis GM. Reference curves for inhibin-B and testosterone for peripubertal children in the United States. Pediatric Academic Societies' Meeting, Vancouver, BC, May 1-4, 2010.  
Selected for podium presentation & to receive *special acknowledgment* at the Presidential Poster Reception of the Lawson Wilkins Pediatric Endocrine Society (April 30, 2010).
194. Gollenberg AL, Hediger ML, Lee PA, Himes JH, Buck Louis GM. Lead, cadmium and reproductive hormones in a nationally representative sample of peripubertal girls and boys. Pediatric Academic Societies' Meeting, Vancouver, BC, May 1-4, 2010.
195. Gollenberg AL, Hediger ML, Lee PA, Himes JH, Buck Louis GM. Blood lead, urinary cadmium and reproductive hormones in prepubertal and early pubertal girls. Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA, June 22-23, 2010.
196. Gollenberg AL, Hediger ML, Himes JH, Lee PA, Zhang ZZ, Buck Louis GM. In utero tobacco smoke exposure and reproductive hormones at the onset of puberty among US girls. Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA, June 22-23, 2010.

197. Pollack AZ, Yeung EH, Hediger ML, Louis GM, Wactawski-Wende J, Schisterman EF. Bone mineral density and heavy metals in premenopausal women. Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA, June 22-23, 2010.
198. Yeung E, Zhang C, Albert P, Ye A, Mumford SL, Hediger ML, Wactawski-Wende J, Schisterman EF. Influence of obesity on menstrual cycle patterns of sex hormones. Society for Pediatric and Perinatal Epidemiologic Research, Seattle, WA, June 22-23, 2010. Selected for platform presentation.
199. Thoma ME, Klebanoff MA, Nansel TR, Hediger ML, Neggers Y. Dietary fat and cholesterol intake and periodontal disease in reproductive-aged women. Society for Pediatric and Perinatal Epidemiologic Research, Montréal, QC, June 20-21, 2011.
200. Hediger ML, Sundaram R, Chen Z, Peterson CM, Croughan MS, Stanford JB, Buck Louis GM, for the ENDO Study Working Group. Is there an endometriosis somatotype? Society for Pediatric and Perinatal Epidemiologic Research, Montréal, QC, June 20-21, 2011.
201. Buck Louis GM, Peterson CM, Croughan MS, Chen Z, Sundaram R, Hediger ML, Stanford JB, Varner M, Giudice L, Fujimoto V, Parsons P, Kannan K. Persistent organic pollutants and endometriosis: importance of biologic media for defining exposure, ENDO Study, 2007-2009. 11th World Congress on Endometriosis (WCE2011), Montpellier, France, September 4-7, 2011. Selected for oral presentation.
201. Thoma ME, Hediger ML, Sundaram R, Chen Z, Peterson CM, Croughan MS, Buck Louis GM, for the ENDO Study Working Group. Comparing “apples and pears”: How well do women perceive their body size and shape? American Society for Reproductive Medicine 67<sup>th</sup> Annual Meeting, Orlando, FL, October 15-19, 2011. Selected for oral presentation.
202. Wolff EF, Hediger ML, Chen Z, Peterson CM, Sundaram R, Buck Louis GM, for the ENDO Study Working Group. In utero exposures and incident endometriosis, The ENDO Study. American Society for Reproductive Medicine 67<sup>th</sup> Annual Meeting, Orlando, FL, October 15-19, 2011.
203. Gollenberg AL, Addo OY, Himes JH, Lee PA, Hediger ML. Prenatal tobacco smoke exposure and reproductive hormones near the onset of puberty in US girls. American Public Health Association 140<sup>th</sup> Annual Meeting, San Francisco, PA, October 27-31, 2012. Selected for oral presentation.